

REMARKS

In the Office Action, claim 6 was objected to, and claims 1-30 and 45-61 were rejected. Claims 2-3, 12, 14-15, 18, 20-21, 24, 26-27, 30, 48, 52, 55 and 61 were indicated as reciting allowable subject matter. By the present response, claims 1, 3-13, 15-19, 21-25, 27-30, 45-57 and 59-60 have been amended, claims 2, 14, 20, 26, 58 and 61 have been canceled and claim 62 has been added. Upon entry of the amendments, claims 1, 3-13, 15-19, 21-25, 27-30, 45-57, 59-60 and 62 will remain pending in the present patent application. Reconsideration and allowance of all pending claims are requested.

Claim objections due to informalities

In the Office Action, claim 6 was objected to because of certain informalities. Claim 6 has been amended to obviate the objections raised in the Office Action. In particular, the term "sensor" has been replaced by the term "object" in claim 6. No new matter has been added. Thus reconsideration and allowance of amended claim is requested.

Rejections Under 35 U.S.C. § 101

Claim 6 was rejected under 35 U.S.C. 101 because the claimed invention was directed to non-statutory subject matter. The Examiner stated that claiming of "a human body" is considered to be a non-statutory subject matter. By the present response claim 6 has been amended to replace the term "sensor" by the term "object". Applicants therefore submit that the Examiner's rejection of claim 6 under 35 U. S. C. § 101 is overcome.

Rejections Under 35 U.S.C. § 102

Claim 1 and claims depending therefrom:

Independent claim 1 was rejected under 35 U.S.C. § 102(b) as being anticipated by Klotz, Jr. et al. (U.S. Patent 5,651,044), while claim 2 was indicated as reciting allowable subject matter. By the present response, claim 1 has been amended to incorporate the

features recited in claim 2. Therefore, claim 1 is in condition for allowance, as are the claims depending therefrom. Claim 2 has been cancelled.

Claim 7 and claims depending therefrom:

Independent claim 7 was rejected under 35 U.S.C. § 102(b) as being anticipated by Alihanka et al. (U.S. Patent 4,320,766), while claims 14, 20 and 26 were indicated as reciting allowable subject matter. By the present response, claim 7 has been amended to incorporate the features recited in claim 14. Therefore, claim 7 is in condition for allowance, as are the claims depending therefrom. Claims 14, 20 and 26 have been cancelled.

Claim 45 and claims depending therefrom:

Independent claim 45 was rejected under 35 U.S.C. § 102(b) as being anticipated by Alihanka et al. (U.S. Patent 4,320,766), while claim 61 was indicated as reciting allowable subject matter. By the present response, claim 45 has been amended to incorporate the features recited in claims 58 and 61. Therefore, claim 45 is in condition for allowance, as are the claims depending therefrom. Claims 58 and 61 have been cancelled. Claims 59 and 60 have been amended to correct for their dependency.

Rejections Under 35 U.S.C. § 103

Claims 11, 13, 16-17, 19, 22-23, 25, 28-29, 50-51, and 54 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Alihanka et al. (U.S. Patent 4,320,766) in view of Boie et al. (U.S. Patent 5,337,353).

The claims rejected under this section all depend claims directly or indirectly from independent claims 7 and 45 discussed above. Consequently, all of the dependent claims are believed to be patentable both by virtue of their dependency from an allowable base

claim, as well as for the subject matter they separately recite. Reconsideration and allowance of all of the dependent claims on this basis are requested.

New claims

One new claim has been added by this response. Claim 62 incorporates features originally recited in claims 1 and 3, claim 3 having been indicated as reciting allowable subject matter. Claim 62 is therefore believed to be in condition for allowance.

Conclusion

In view of the remarks and amendments set forth above, Applicants respectfully request allowance of the pending claims. If the Examiner believes that a telephonic interview will help speed this application toward issuance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

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